Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 27 Jan 2021 until 23:59 on Thursday 28 Jan 2021

Forecast Issued on Tuesday 26 Jan 2021 at 12:48

Confidence: Low for cloud details on Wednesday. High for wet conditions on Thursday, lower for snow in north at first. Dropping for detail on Friday and low for time of arrival of rain and snow on Sunday.

Headline for Wednesday 27 Jan 2021: Mainly cloudy, some drizzle in morning, then dry, with some brightness in shelter but low cloud persisting on the tops. Some heavy rain possible by midnight. Moderate breeze.

Mountain weather hazards on Wednesday 27 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Fog	Drizzle	Fog	Fog	Cloudy	Fog	Light rain
Precipitation probability							
40%	20%	30%	20%	20%	10%	10%	30%

Forecast for Wednesday 27 Jan 2021

Weather: It will remain overcast with hill fog and a little sporadic drizzle overnight and into the morning. Daylight hours then mainly dry and cloud may lift and break at times, at least in shelter in the east of the park, but this is not certain. Then cloud will thicken to bring some heavy rain late evening.

Chance of cloud free mountain/hill tops above 600m: Little chance generally but there may be brief clearances in the afternoon.

Visibility: Occasionally good in the afternoon away from cloud. Moderate to poor in occasional drizzle, and in the rain late evening. Often widely very poor at height with extensive low cloud, bases down to 300-400m but more broken for a time in the afternoon though some may cling to the highest ground.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 27 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/26 W	19/27 W	17/25 W	13/18 W	12/16 W	7/10 SW	8/12 SE	13/19 SE	17/26 SE
300	12/20 W	13/21 W	13/20 W	10/16 W	8/12 W	4/6 S	4/10 SE	9/17 E	14/25 E
Valley	5/16 W	8/19 W	8/18 W	7/14 W	6/11 W	3/6 S	6/12 SE	8/16 E	12/25 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-2	4/-2	4/-1	3/-1	3/-1	3/1	3/-0	2/-2	2/-3
300	5/1	6/2	6/2	5/2	6/3	6/4	5/3	5/2	4/0
Valley	4/2	5/3	6/3	6/3	6/4	6/5	5/3	5/2	5/1
Freezing Level*	1300m	1200m	1200m	1200m	1100m	1100m	1300m	1500m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigational difficulties will be the main hazard on Wednesday, with some improvements by afternoon likely but not guaranteed.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 26 Jan 2021	1.8mm	5mm	5.2mm

Forecast for Thursday 28 Jan 2021

Weather: Cloudy with snow developing overnight and lasting through the morning, turning to rain in the afternoon this becoming lighter. A drier spell in the evening. Low confidence for rain/snow boundary.

Maximum wind: Southeast 20 gusts 30mph.

Chance of cloud free mountain/hill tops above 600m: Little chance with extensive cloud 300-400m.

Visibility: Poor in heavier rain, very poor in morning snow. Occasionally good below the cloud in the afternoon.

Temperature: **Valleys:** Zero Celsius rising to Plus 3.
At 600m: Minus 1 Celsius rising to Plus 3 Celsius.
Freezing level: 300m rising above summits in afternoon.

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